

# Byggevaredeklarasjon - NTech Fast karm

Marked:



**NorDan**<sup>®</sup>

Dokument ID: 000CBB(1.01)

Dato: 17 November 2023

Side: 1 av 5

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for produktkoder:

FA

## 1. Company information

### NorDan AS

Stasjonsveien 46  
N-4460 Moi - Norway  
Organization number:

979776233

Contact person:  
Email:  
Telephone number:  
ISO certifications:

Jonas Jonsson  
[jonas.jonsson@nordan.se](mailto:jonas.jonsson@nordan.se)  
+46 (0) 10-130 01 68  
ISO 9001  
ISO 14001

## 2. Product data

Trade name: NorDan NTech Fixed frame - FA 105 Declared size: 1230x1480 mm

Product classification: BK04 Product Group ID: 04109

Description of goods: NorDan NTech Fixed frame - FA 105 in size 1230x1480 mm tripple glazed 4E+16G+4+16G+E4 with aluminium cladding is covered in this BPD Declaration of Performance: DoP-ND-100-1

Estimated technical lifetime: 60 years

URL\* to public product documentation: [https://portal.nordan.no/ndocs/search?category=document\\_EPDP](https://portal.nordan.no/ndocs/search?category=document_EPDP)

Product Code: FA

\* link to NorDan's public document system, NDocs

## 3. Chemical content

Product weight: 64,58 kg Date for the declaration: 2023-11-17

Material content is declared to: 100% The content is checked against the candidate list, edition: 2023-06-14

Does the product contain nanomaterials? No nanomaterials have been deliberately added to achieve a particular function  
For composite articles, the declaration has been made at component level and the starting point is that the reported substances are given at the highest specified content.

The product consists of the following parts/components and its specified chemical composition upon delivery.

Material or chemical product	Weight-% of the component in the product	Weight-% of the component	Substance name / Chemical specification	CAS-number	Weight-% of the substance in the product	Weight-% of the substance in the component	Hazard Code(s)	Candidate List (SVHC)	Annex XIV and XVII to REACH	Endocrine disrupting	Chemsec SIN-list	Svenska PRIO-listan	Den norske prioritetslista
<b>Total</b>	<b>100,00%</b>												
1. Frame	17,73%												
2. IGU - Insulated glass unit	78,02%												
3. Aluminium	3,49%												
4. Plastic parts	0,15%												
5. Seals, rubber & TPU parts	0,57%												
6. Metal parts	0,04%												
<b>1. Frame</b>	<b>17,73%</b>	<b>100,0%</b>											
<b>Wood material frame</b>	<b>17,03%</b>	<b>96,07%</b>											
Frame	17,0%	96,07%	Untreated pine, finger jointed		17,035%	96,067%							
<b>Wood treatment &amp; Coating</b>	<b>0,45%</b>	<b>2,53%</b>											
Wood preservative	0,007%	0,04%	Propiokonazol	60207-90-1	0,0001%	0,0001%	H302, H317, H360D, H400, H410				✓	✓	
<i>Note: Wood preservative to prevent wood rot.</i>													
Primer	0,157%	0,89%	Fatty acids, C18-unsatd., trimers, compds. with oleylamine	147900-93-4	0,0000%	0,0003%	H332, H317, H372						
<i>Note: Solvent based 2comp primer. Binder type Polyester acrylate</i>			Fatty acids, tall-oil, compds. with oleylamine	85711-55-3	0,00005%	0,00027%	H318, H317, H373						
Hardner, primer	0,048%	0,27%	m-tolyldiene diisocyanate	26471-62-5	0,0005%	0,0027%	H330, H315, H319, H334, H317, H351, H335, H412		✓			✓	
Top Coat	0,24%	1,34%	3-Jodo-2-propyrylbutylkarbamat	55406-53-6	0,0006%	0,0033%	H302, H331, H318, H317, H372, H400, H410					✓	
<i>Note: Water Based, Acrylic binder.</i>			1,2-benzisothiazol-3(2H)-one	2634-33-5	0,0001%	0,0007%	H302, H315, H318, H317, H400					✓	
			Reaction mass of 5-chloro-2-methyl-1,2-thiazol-3(2H)-one and 2-methyl-1,2-thiazol-3(2H)-one	55965-84-9	0,0004%	0,0020%	H301, H310, H330, H314, H318, H317, H400, H410					✓	



# Byggevarerdeklarasjon - NTech Fast karm

Marked:

**NorDan**<sup>®</sup>

Dokument ID: 000CBB(1.01)

Dato: 17 November 2023

Side: 3 av 5

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for produktkoder:

FA

## 4. Raw materials

Recycled materials in the article	Share of raw material	Share of product	Renewable material	Share
Aluminium	8,00%	0,28%	Wood	17,03%
Glass	28,00%	20,80%		

Grade of certified wood: 70-100%  
Certification system: PEFC

### Certificate

Comment: The percentage above refers to the certified percentage of the wood raw material included in the production.

Country of origin wood raw material: Estonia/ Poland/ Finland

## 5. Environmental impact

Is there an Environmental Product Declaration (EPD) produced according to EN15804 or ISO14025 for the product?

Yes

ID-number for EPD:

NEPD-5086-4415

EPD, declared size:

1230x1480

EPD-Name:

NorDan NTech Fixed frame - FA 105 (With Aluminium Cladding)

GWP Functional unit*				GWP/kg
A1-A3 GWP <sub>total</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>fossil</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>biogenic</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>luluc</sub> (kg CO <sub>2</sub> e)	A1-A3 GWP <sub>(total-biogenic)</sub> / kg **
79,6	102,0	-22,5	0,09	1,49

\* For project-specific values contact NorDan

\*\* GWP value without the influence of biogenic carbon

## 6. Distribution

Is the producer connected to a producer responsibility scheme for packaging?

Yes

What system?

FTI system

Packaging is sorted according to below

Cardboard	EWC	150101
Plastic packaging	EWC	150102
Wood packaging	EWC	150103

## 7 & 8. Construction and use phase

Does the product have special requirements for storage?

See window owner's manual

Does the product place special demands on surrounding building materials?

See window owner's manual

Does the product require input goods for operation and maintenance?

See window owner's manual

## 9. Demolition

Is the item prepared for dismantling?

Yes

Can the product be separated into pure materials for recycling?

Yes, see window owner's manual

Does the product require special measures for the protection of health and the environment during demolition/dismantling?

No

# Byggevaredeklarasjon - NTech Fast karm

Marked:



Dokument ID: 000CBB(1.01)

Dato: 17 November 2023

Side: 4 av 5

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for produktkoder:

FA

## 10. Waste management

Is reuse possible for all or part of the product? Yes, during the warranty period the product can be reused. After the warranty period, reuse is possible after assessment.

Is recycling possible? Yes

Rate of material recycling: 77,80%

Material	Weight % of whole item	Waste code
Aluminium	3,49%	EWC 170402
Metal	0,04%	EWC 170407
Glass	74,27%	EWC 200102

Is energy recovery possible? Yes

Energy recovery rate 22,20%

Material	Weight % of whole item	Waste code
Wood with sealant	21,49%	EWC 170201
Plastic/rubber	0,72%	EWC 170203

Waste code when the delivered goods become waste: 17 - Construction and demolition waste

When the delivered goods become waste, is it classified as hazardous waste? No

## 11. Indoor environment

Emissions to indoor air

## 12. Building certification systems



v6.1 v6.0 2016v1.2	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
v6.1 v6.0 2016v1.2	Mat02	Yes	The product contains no substances on the REACH Candidate list or the Norwegian priority list at or above 0,1 % by weight. Control has been made against REACH annexes XIV and XVII.
v6.1 v6.0 2016v1.2	Mat03	Yes	All wood used in the product consists of wood that is legally harvested and meets at least the requirements of the EUTR (EU Timber Regulation)



v6.0 2017v1.1 v6.0	Mat01	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2017v1.1 v6.0	Mat03	Yes	All wood used in the product consists of wood that is legally harvested and meets at least the requirements of the EUTR (EU Timber Regulation)
2017v1.1 2013v2.0	Mat07	Yes	The product does not contain phase-out or risk reduction substances (according to KEMI's definition and EDS Cat1/ Cat2) above classification limits.
	Mat08	Yes	Product does not contain phase-out substances (according to KEMI's definition) above classification limits



3.0 / 3.1 / 3.2	Ind 13	Gold	Public e-bvd or equivalent available
	Ind 14	Gold	Attention MB sets requirements for emissions. Check these manually to ensure compliance!
	Ind 15	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
2.1 / 2.2	Ind 14	Gold	Public content declaration according to bvd3 is available
	Ind 15	Gold	The product does not contain phase-out substances according to KEMI's definition above classification limits
4.0	Ind 4	Yes	The EPD is published at EPD-Norge, see point 5 above. Project-specific EPD data can be obtained from NorDan
	Ind 9	Silver	The product does not contain U, R or endocrine disruptors on Chemsec's SIN list of classification limits
	Ind 15	Gold	Public e-bvd or equivalent available

## Nordic Swan Ecolabel buildings

HPP (Husproduktportalen)

Yes - NorDan FA Fast \*(Trä & Trä/Alu) 105mm

SCDP (Supply Chain Declaration Portal)

# Byggevaredeklarasjon - NTech Fast karm

Marked:



Dokument ID: 000CBB(1.01)

Dato: 17 November 2023

Side: 5 av 5

Material: Tre + aluminium

Karm: 105

Glass: 3-lags

Gjelder for produktkoder:

FA

## 13. Product Assessment System



No

ECOproduct isn't available for the product today.



Yes

The product is listed in the database from Byggvarubedömningen. Name: NorDan NTech Fast karm - FA Trå/Alu



Yes

The product is listed in the database from SundaHus. Name: NorDan FA Fast Trå/Alu 105



No

The product is not listed today in the database from Basta



Yes

NorDan Ntech Villa fixed frame is available as Swan Ecolabel